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The Bureau of Land Management Service Center Newsletter September 1993

CENTER SCENE

PROTECTING YOUR HOME

Forest fires are one of the most powerful and awesome forces in nature. Fire has played an integral role in Western U.S. ecosystems for thousands of years, yet as more people build homes in scenic rural areas, conflicts have begun to arise. The Black Tiger fire near Boulder in 1989 and the Oakland Hills fire in California showed just how vulnerable homeowners along the "wildland-urban interface" are in a large fire. For these homeowners, wildfire danger is a unique threat, but one that can be greatly reduced by following these tips:

Wildfires like this are a threat to urban homeowners

Rearrange plants:

- Eliminate fire ladder configurations.
- Keep vegetation next to the house under 1-1/2 feet; trees put the house at greater risk.
- Create a transition zone 30 to 50 feet from the home. Remove most major plants (leave enough shrubs to stabilize a slope). Hydroseed with native grasses and windflowers or plant low-volume herbaceous perennials. Keep watered and green year-round, or let dry out and cut back.
- Arrange plants 50 to 200 feet from house into islands (make distance between shrubs 3 to 5 times plant height).
- In heavily wooded areas, cut out weak or diseased trees; thin healthy ones if more clearing is needed.
- Get rid of stumps to prevent stump sprouting except when slope stability is a concern.

Annually:

- Clean up leaves and other plant litter.
- Cut grass to about 4 inches when it turns brown.
- Remove brush that grew with the winter rains.
- Clean off all vegetation from the roof. Clean gutters several times during the year.
- Work with neighbors to clear common areas and prune heavy vegetation between houses.

Every few years:

- In early spring, prune or mow low-growing ground covers. Fertilize and water afterward.
- Periodically cut back native vegetation near the house.
- Budget for pruning, maintenance of trees.
- Thin crowns of clustered trees (keep 10 feet apart).
- Trim limbs up off the ground 20 feet or more.
- Cut branches back 15 to 20 feet from the house.
- Prune all dead branches; remove all dead plants.
- Along the driveway, clear overhanging tree branches and prune bushy shrubs for fire truck access.

No preventive actions can guarantee your home's survival in a roaring wildfire. But careful brush maintenance can make a significant difference in preventing your "home sweet home" from becoming ashes.

CFC...TOUCHING LIVES

The 1993 Combined Federal Campaign, or CFC, will kick off on September 14 with an all-employees meeting. Other activities being planned for the 6-week campaign will be announced through All-Employee Bulletins.

The CFC enables Federal employees to choose from over 1,200 charities and to contribute through easy, convenient payroll deductions. CFC really does touch peoples' lives . . . perhaps our neighbors', perhaps even our own!

PERSONNEL NEWS

New Employees:

John Sherman, SC-651, Contract Specialist

Separations:

Teresa Day, SC-653, Library Technician
Sheila Griess, SC-320, Clerk
Suzanne Jamiel, SC-632, Employee Relations Specialist
Laura Justice, SC-651, Procurement Clerk (Typing)
Fred Robison, SC-342, Computer Specialist
Leigh Thompson, SC-675, Microform Equipment Operator

A LOOK INSIDE

Division of Systems Operations, Maintenance, & Support Services

- Matching Game 2
- Skating Through Life 2
- Records Release I 2
- PHAMALy Act 3
- Scouting for Adventure 3
- An International Perspective 3
- Do-Si-Do Angel 4
- Handy to Know 4

Division of Technical Services

- Masters of Accuracy 5
- NPR Team 5
- Vanishing Act or Metamorphosis? 6
- Cartographer Does "WEL" 6
- The Brighter Side of Micrographics 6
- Remote Sensing's Work 7
- Just Jumping Around 7
- Of "Local" Interest 7

Also...

- Managing Travel Paperwork 8
- Building Engineering Open House 8
- You Are Appreciated 8

MATCHING GAME

Can you match each little known fact to its rightful owner? (Answers on page 4.)

Administrative System Support Section - SC-342B

1. Jim Armstrong	A. Collects golf caps
2. Leo Atencio	B. Likes to vacation in Lake Powell
3. Jerry Carlander	C. Has a green belt in karate
4. Rick Graham	D. Bowled a 300 game
5. Karen Humphrey	E. Sports card dealer
6. Don Kurtz	F. Taught high school in Kenya, East Africa
7. Dave Rosenfeld	G. Likes to vacation in Mexico
8. Bryan Vial	H. Enjoys camping

Resource Systems Support Section - SC-342C

1. Ethylene Crenshaw	A. Is a waitress at Garrison Street Station restaurant
2. Dee Dee Dougherty	B. Plays drums to jazz and rock & roll
3. Barbara Hanson	C. Born in the same state as President Clinton
4. Melissa Lewis-Collins	D. Has more plants in work area than anyone else
5. Jim Pflucker	E. An artist who cooks some mean Italian marinara
6. Marie Roybal	F. Buying a previously owned home (not a used one)
7. Dave Shaffer	G. Traveled to Mali, West Africa

Records Release Support Section - SC-342D

1. John Cheatwood	A. A daring sky diver
2. James Colin	B. Loves to quilt and sew
3. C.J. Huang	C. A Skil saw woodworker
4. Cleone McDonald	D. CBA - a Chinese-born American
5. Judy Veyera	E. One of the first 500 to learn basic programming in 1964

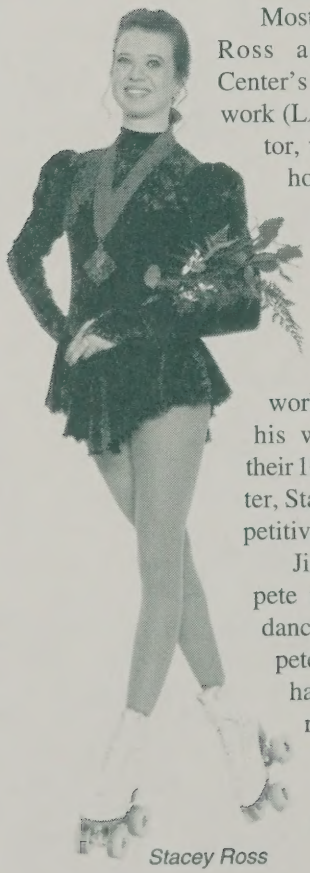
Land Records System Support Section - SC-342E

1. Linda Campain	A. Plays 1950's boogie woogie on piano
2. Marv Gutwein	B. Loves the Lord
3. Cindy Liebe	C. Has traveled to Egypt enough times to be a travel guide
4. Graham Miller	D. Plays a mean game of racquetball
5. Jim Sanders	E. Favorite vacation spot is Australia
6. Terryll Washington	F. Has a passion for planting pumpkins

Branch of Computer Applications Maintenance Services - SC-342

1. Toni Fitzwater	A. Nicknamed "Corky"
2. Nancy Jones	B. A rodeo barrel racer
3. Iris Matney	C. Has two quilts hanging in Colorado State Capitol
4. Corrine Rhodes	D. Was once an ancient Egyptian

SKATING THROUGH LIFE



Stacey Ross

Most of us know Jim Ross as the Service Center's Local Area Network (LAN) Administrator, who puts in long hours maintaining and improving the LAN. But for as hard as he works here, he works even harder outside of work. You see, Jim, his wife Karen, and their 16-year-old daughter, Stacey, are all competitive roller skaters.

Jim and Karen compete together in team dance, and Jim competes in figures. They have done well in regional competitions, and Jim hopes to compete at the national level next year. But the real star of the family is Stacey. Stacey has competed at the national level for the past 2 years, ranking 8th in the nation just last year. She competes in figures, loops, and team dance.

The family devotes anywhere from 12 to 15 hours per week towards practice, and when Stacey is out of school, she practices at least 25 hours per week. They practice some in the Denver area, but spend most of their practice time in Greeley. The family favors the Greeley training center because it has produced many national champions over the years. It offers the most professional and comprehensive training program in the region. They each have two coaches, one for technical performance and another for mental skills. For the past 3 years, Stacey has been invited to the Olympic Training Center in Colorado Springs for 1 week of intensive training. To say the least, Jim is very proud of Stacey.

So next time you are in the Systems Software Section, stop by and see Jim; but in particular, come see all the pictures of Stacey he has on his desk.

RECORDS RELEASE I

The Records Release Support Section of the Branch of Computer Applications Maintenance Services (SC-342D) maintains Record Release I software, which is a Land Information System. The Alaska State Office uses the software to track details about the land managed by the BLM there. Records Release 1 is important to the Bureau's Modernization effort because the functionality forms the baseline to future enhancements for the lower 48 States and ties in with the Geographic Information System. Records Release 1 is also written in a relational database which is very similar to that adopted for Modernization. The Section works closely as a team with the Alaska State Office to make Records Release 1 more useful. Recently the Section sponsored a workshop with two instructors from Alaska who have trained over 200 non-Government people to use the product. This team continues to facilitate feedback about quality of the product from the ultimate customers, the users, including members of the general public and BLM staff.

PHAMALy ACT

by Tina Logsdon

Recently, I became involved in unique productions of musicals like *Kiss Me Kate and Anything Goes*—they were unique because all the actors/actresses were physically handicapped.

About 2 years ago, I became involved in the Physically Handicapped Amateur Musical Actors League, Inc., a.k.a. PHAMALy (pronounced "family"), because of one of my friends. She was performing and thought that I would enjoy doing some theater.

Putting on a show requires a great deal of time and energy. Once you have auditioned and start rehearsals, your personal life ends. You go to work during the day and then attend rehearsals at least three times during the week from 6:30 p.m. to 9:30 p.m., as well as on Saturdays from 10:00 a.m. to 2:00 p.m. In between these activities, you have to go to companies, friends, anyone, to see if you can get donations for the show.

PHAMALy has successfully completed four major musicals in 4 years. The first was *Guys and Dolls*, performed at Charles Boettcher School Auditorium in 1990. *Oklahoma* was performed at the Aurora Fox Theater in 1991. In 1992,we did *Anything Goes* at the Space Theater in the Helen Bonfils Theater Complex. We recently completed seven performances of *Kiss Me Kate* at the Space Theater.

PHAMALy operates on very limited resources such as grants, corporate donations, private donations, and, of course, ticket sales. We are very grateful for each of these sources; it takes a tremendous amount of money to produce musicals and contributions are graciously accepted.

Anyone can become a member of PHAMALy by paying annual dues. However, only those with a disability can perform in the big summer show. PHAMALy's next production is going to be *Fiddler on the Roof* (dates not yet set).

PHAMALy is planning to entertain Service Center employees during National Disability Awareness Month.

SCOUTING FOR ADVENTURE

David Shaffer is more than the Chief of the Resources Systems Support Section (SC-342C). He is also an Assistant Scoutmaster of Boy Scout Troop 583, Arvada, Colorado. David helped recharter the troop in February 1992. During the previous fall, he and the troop's Scoutmaster, John Kullman, completed the Fundamentals of Scouting training course, which involved an all-day Saturday seminar, one or two weeknights for patrol meetings, and a 3-day weekend camp at the Denver Area Council's Camp Tahosa site.

The troop began with 65 Scouts, 11 to 13 years old. All but four or five of these boys were new to Scouting. Even so, the troop participated in lots of activities during its first year. In fact, at many activities, such as the Klondike Derby and the Gateway District Fall Camporee, the troop was the largest in attendance. Last summer the troop took 50 Scouts to Denver Area Council summer camp at Camp Chris Dobbins. The boys worked on rank advancement and merit badges with more than 35 Scouts earning their next rank and over 40 Scouts earning at least one merit badge. David

continued on page 4

AN INTERNATIONAL PERSPECTIVE

. Jacek Blaszczynski (pronounced Yatzek Bwashchynsky) is a Physical Scientist with the Branch of GIS Services. He has worked at the Service Center since 1987 with the GIS User Support Section. Beyond his ongoing responsibilities, Jacek has researched and developed a GIS application to model soil erosion and transport, applying these methods in resource management projects throughout the Bureau. He has also introduced the GIS capabilities for extraction of surface hydrologic information from digital terrain data Bureauwide, and has been very active as a liaison between the Service Center GIS and Resources staffs. "I entered the GIS field as a resource scientist," says Jacek, "And it very quickly became apparent to me how important the systems can be for fulfilling the Bureau's mission of ecosystem-based resource analysis, planning, and management. I don't think many people realize that GIS is a scientific investigation and visualization tool, not just a special purpose software package."

Jacek was born in Krakow, Poland in 1954, and immigrated to the United States in 1968 at the age of 14. He attended high school, and in 1972, received a scholarship to attend Wesleyan University in Connecticut. Jacek says, "I wanted to explore everything and Wesleyan provided an excellent selection of liberal arts courses. I really believe that this was the most fruitful part of my education; it provided the greatest scope, and a sense of richness and confidence in myself." Jacek came to Colorado in 1977 and decided to follow in his parents footsteps by studying the sciences. He studied geology at the University of Colorado in Boulder and then environmental science at the Colorado School of Mines in Golden.

Jacek's favorite activity is travel, and he has spent several vacations in Europe and Bermuda. "It's amazing how far you can go on a shoestring budget," he says.

"Twice I went to Bermuda on a scholarship to study marine biology, which is one of my major interests. After those trips I had friends over there who were willing to put me up; acquaintances or family also put me up through most of my travels in Europe as well. Although I spent all of my adolescence and adult life in the U.S., and I am an American, I feel a special connection to the international community. The world is getting smaller all the time...the distinct benefit of travel is that you begin to realize how similar people are underneath the relatively superficial differences of ethnicity and race. The progress we have made in going beyond prejudice and racism over the past 20 years is something that we can be genuinely proud of."

DO-SI-DO ANGEL

All work and no play makes a systems administrator a dull boy. Andy Anderson (SC-343C) believes this thoroughly, and consequently, makes time for motorcycling and square dancing. He has recently become the proud owner of a Kawasaki Voyager XII. (He just had to get a bigger bike than his girlfriend's Virago 1000!)

Andy Anderson & partner Faith Erlacher.

While Andy loves motorcycles, square dancing is even closer to his heart. What started as a way to get out and meet new people has turned into nearly a full-time activity. Square dancing takes up several nights a week and occasionally involves weekend travel to special dances that may go from 9 a.m. to midnight. Andy has met alot of new people and now has friends all over the country. He and his partner have danced in all the neighboring states, as well as Florida and Arizona, and at the National Square and Round Dance Convention in St. Louis just before the floods. Next year they hope to be at the convention in Portland, and after that, in San Antonio and Orlando.

Andy's dancing isn't all square. He does round dancing, too. At most square dances, rounds are done between squares. In round dancing, all the dancers travel in the same direction around the room doing a waltz, cha cha, rhumba, jive, two-step, west coast swing, fox trot, or other steps choreographed by a cuer (as opposed to a caller for square dancing). No one has accused Andy of being Fred Astaire yet, but most other dancers notice his command of the steps and his style.

After learning to square dance in 1989, Andy became club representative to the Denver Area Square and Round Dance Council. He is now president of Denver's largest singles' square dance club, Rocky Tops, as well as a committee member of the Denver Area Square and Round Dance Council. He also belongs to Bachelors 'n Bachelorettes, a singles' club that dances at the plus level.

Andy is also an angel—really! Experienced dancers who help with classes are called "angels." He has helped with several mainstream (beginners' level) and plus classes. He also has danced at the advanced level and can do most of the calls from all positions—even the female part. Rocky Tops' next mainstream level class begins September 29 at 7:30 p.m. at the church on the southwest corner of 43rd and Sheridan. Although Rocky Tops is a singles' club, many couples come, too, because the dances are so much fun. So if you want to see him being an angel, come on over!

SCOUTING FOR ADVENTURE continued

attended summer camp with the troop along with seven other adult volunteers. The troop has over 30 adult volunteers, including 10 Assistant Scoutmasters. The troop is especially proud of Scoutmaster John Kullman for being awarded the Gateway District's Rookie Scoutmaster of the year for his work with the troop.

Last February, the troop picked up 25 new Scouts, but lost about 35. The result is a slightly smaller troop that is still very active. In May of this year, the troop completed a service project on BLM land near Georgetown, Colorado. The Scouts contributed over 400 hours of volunteer labor clearing brush and repairing the Notch Trail between Georgetown and Silverplume. The trail is what remains of the historic wagon road route, passing several abandoned mines and cabin sites along the way. The trail also sports spectacular views of the Georgetown Loop Railroad and the adjoining mountain peaks. All of the Scouts and adults who participated earned the BSA Historic Trails patch for their effort.

This summer the troop is taking 35 Scouts and 6 adult volunteers to Pikes Peak Council summer camp at Camp Alexander. Other activities planned for the remainder of the year include touring Fulford Cave near Aspen in September and climbing a 14'er in October. Its activities like these that make Scouting exciting for the boys and David says that he enjoys them as much as the Scouts do. That's why he's going with the troop to Philmont Scout Ranch in New Mexico in June of 1994.

Answers to Matching Game

SC-342B: 1-H, 2-A, 3-G, 4-F, 5-D, 6-B, 7-E, 8-C
SC-342C: 1-C, 2-A, 3-E, 4-G, 5-F, 6-D, 7-B
SC-342D: 1-C, 2-E, 3-D, 4-A, 5-B
SC-342E: 1-D, 2-E, 3-F, 4-A, 5-C, 6-B
SC-342: 1-C, 2-D, 3-B, 4-A

HANDY TO KNOW

Handcrafts produced by SC-342 employees.

When some programmers in the Branch of Computer Applications Maintenance Services turn off their PCs for the day, they turn to expressing their artistic talents in "handy" ways. A recent survey turned up these facts:

- **Barbara Hanson** sketches, paints pictures, designs and makes jewelry.
- **Cleone McDonald** makes dolls, paints, sews, quilts, and does various handcrafts.
- **Corrine Rhodes** quilts, knits, sews, makes garments, does cross stitch and ceramics.
- **Ethylene Crenshaw** does hair art and sews.
- **Judy Veyera** sews, makes garments, quilts, knits, and crochets.
- **Karen Humphrey** crochets and does many kinds of handcrafts.
- **Marie Roybal** paints designs on fabric and makes jackets.
- **Melissa Lewis-Collins** sews, paints, and makes jewelry.
- **Nancy Jones** makes teddy bears, sews, quilts, knits, and crochets.
- **Toni Fitzwater** quilts, makes jewelry, sews, and makes garments.

Others in the Branch who were reluctant to share their artistic talents, but you can be sure they are a talented group!

MASTERS OF ACCURACY

Front, l-r: Nancy Pullam, Neffra Matthews, Rear, l-r: Dave Kett, Paul Graves, Russ Jackson, and Mike Marchase.

In simple terms, photogrammetry is the science of measurement by means of photographs. Within BLM, photogrammetry deals mainly with aerial photography. Depending on the type of camera used, altitude of the aircraft, quality of the ground survey, and other factors, the capability exists to deliver spatial data that is accurate to within inches. This type of precision is of real value to a variety of specialists within the Bureau. The Photogrammetry Section in the Branch of Mapping Sciences can provide this highly specialized service.

Photogrammetry has traditionally been used to develop large-scale maps in support of engineering projects. Such maps may have a final output scale as large as 1 inch=50 feet (1 inch on the map equals 50 feet on the ground). The topography of the land is represented by contour lines at a specified interval. This means that every change in elevation of that interval will be displayed on the map with a line. This line, or contour, represents a specific elevation, such as 5,280 feet. Contours compiled at a 1- or 2-foot interval are a necessity when developing recreation sites or new Bureau facilities.

Photogrammetry is also an important tool in resolving boundary disputes such as in determining riparian area boundaries or ownership of oil and gas royalties along our nation's waterways. Though boundary disputes sometimes require identifying the previous location of features, such as rivers, it is impossible to "time travel" into the past to perform ground surveys. However, it is possible to use historical photography to compile digital data from analytical stereoplotters. Data from numerous years may be compared to detect natural or manmade shifts in the river. Gaining access to this historical photography requires extensive coordination with not only the BLM field offices, but also other Federal agencies.

In addition to project work, the Photogrammetry Section manages the Digital Elevation Model (DEM) agreement with USGS. A DEM is a digital file comprised of 3-dimensional points which represent the surface of the earth. This interagency agreement allows BLM to participate in populating a digital data base with spatial data that is in high demand by resource specialists both inside and outside the Bureau.

STAFF PROFILES

Name: Paul Graves.
From: Marblehead, Massachusetts.
Education: B.S. in cartography from Salem State College.
Government Career: U.S. Navy; Fish and Wildlife Service Regional Office in Boston, MS; BLM Service Center.
Family: Single.
Activities: Night clubbing, fly fishing.

Name: Russell Jackson.
From: Toulon, Illinois.
Education: B.S. in geography from Western Illinois University.
Government Career: Defense Mapping Agency in St. Louis, MO in 1980; Service Center in 1988.
Family: Wife, Jane, and two children, ages 5 and 3.
Activities: Active in professional societies; currently president of the American Society of Photogrammetry and Remote Sensing—Rocky Mountain Region.

Name: Dave Kett.
From: Wisconsin.
Education: B.S. in geography from the University of Wisconsin at Milwaukee.
Government Career: Department of Defense in St. Louis, MO in 1983; Service Center in 1989.
Family: Wife, Barb (also works for BLM), and 7-month-old daughter, Emma.
Activities: Camping, hiking, 4-wheeling.

Name: Mike Marchase.
From: A small town in western New York.
Education: B.S. from South Dakota State University for Fish and Wildlife Biology.
Government Career: National Park Service in Lakewood in 1978; BLM Colorado State Office Branch of Cartography and Cadastral Survey; current position in 1987.
Family: Wife, MaryFrances (an RN), and 4-month-old daughter, Katelyn.
Activities: Camping, 4-wheeling, skiing.

Name: Neffra Matthews.
From: Kentucky.
Education: M.S. in geology from the University of Kentucky.
Government Career: Defense Mapping Agency in Louisville, KY in 1985; Service Center in 1989.
Family: Husband, Alan.
Activities: Chairing the planning committee for the 1993 "GIS in the Rockies" Conference; designing and making jewelry and decorated clothing; camping.

Name: Nancy Pullam.
From: Miami, Florida.
Education: B.S. in surveying.
Government Career: BLM's Georgetown Field Office in 1987; USGS in 1985; BLM in 1992.
Family: Husband, Danny, two adult children, and one grandchild.
Activities: Hiking, camping.

NPR TEAM

Keith Christiansen, Branch of Engineering Services, was selected to participate on the evaluation team for the National Performance Review of the Service Center as part of Vice President Gore's Reinventing Government initiative. The review team met in Columbus, Ohio, at the Service Center, and in Salt Lake City. A report of their findings is due this month.

VANISHING ACT OR METAMORPHOSIS?

Ever wonder what happened to the Branch of Cadastral Survey Development? The Branch underwent a major restructuring, and was basically dissolved in FY 93.

The need to restructure the Branch goes way back. Over the years there have been many discussions and reports, but in 1992, an evaluation team reviewed the Cadastral Program nationally and determined how the staff at the Service Center fit in.

L-r: Jerry Fiedler, Vicki Smejkal, and Tim Geary.

Previously, the Branch had provided training on public lands surveying, temporary loan of survey equipment, centralized equipment procurement, a survey monumentation program, geodetic software such as Public Coordinate Computational System (PCCS), graphic arts services, and geodetic expertise in support of Global Positioning Systems. Based on interviews with Cadastral personnel, the review team concluded that the training position would be sent to the Phoenix Training Center, maintenance on PCCS programs for the Geographic Coordinate Data Base would be discontinued, responsibility for monitoring monument test bed sites would be transferred to the states, and the Cadastral illustrator would be relocated to the Technology Transfer Staff.

As a result, there are now only three employees providing services for the Cadastral Program from the Service Center. These employees have been reassigned to the Division of Technical Services. Jerry Fiedler is providing expertise on development and use of Global Positioning Systems (GPS) in the Bureau. He has worked closely with the Washington Cadastral office to develop standards and manuals for proper use of GPS receivers. He is working with PTC to design an extensive GPS training course and continues to evaluate the latest equipment in GPS technology. Tim Geary continues to run the Equipment Cache with the assistance of Vicki Smejkal, but a new emphasis will be placed on conducting more centralized purchasing of survey equipment and monuments for the State Offices. A recent contract award for survey monuments saved Cadastral approximately $6 per monument. Cadastral buys thousands of monuments each year, which adds up to quite a savings.

What's in store for this squeezed down Cadastral group? A possible reorganization, maybe. In the meantime, you can bet they will be acquiring the hottest new technology in survey equipment, and will be providing exciting GPS training courses.

THE BRIGHTER SIDE OF MICROGRAPHICS

(Micro What?????)

L-r: Vida Jenkins, Ethel Coontz, Bob Gordon, Rosina Martinez, and Nathan Matthews.

Micrographics is in the Branch of Photo Imaging, Division of Technical Services, and is located in the basement of Building 50. Yes, for those of you who don't know, there is a basement in Building 50!

Though there are others who help in the continuous functions of Micrographics, there are currently five employees working on photographing Cadastral Survey Field Notes for the State of Utah. Though they are a small group, they are quite diverse—each is from a different location. Rosina Martinez is from the Southwest (NM); Vida Jenkins is from the Southeast (SC); Ethel Coontz is a native of Colorado; Nathan Matthews is from the Northeast (NY); and Robert (Bob) Gordon is from the Philippines, Southwest of the U.S.

The group feels their cultural diversity makes their work environment more interesting, but that they still can share alot. One of the most important things they share is a team concept— they are all working together with a common goal to produce the best useable product for the State.

CARTOGRAPHER DOES "WEL"

Nancy Tubbs of the Cartography Section, Branch of Mapping Sciences, has been selected to participate in the Office of Personnel Management's (OPM's) 1993 Women's Executive Leadership (WEL) Program. The Program provides leadership training and developmental opportunities for high-potential employees to prepare them for future positions as supervisors and managers. Nancy is one of nine BLM participants.

There are 460 in this year's class, which has been divided into several Leadership Development Teams (LDTs). Although the majority of participants live and work in the Washington, DC area, there are participants from all over the country, including Alaska and Puerto Rico. One woman from the Department of Transportation lives and works in Tokyo! And yes, there are men in the program, too.

During the year-long program, the participants will complete structured OPM training, an individual needs assessment, an Individual Development Plan (IDP), an executive shadowing assignment, executive interviews, 30-day and 60-day details, management reading assignments, an LDT presentation, a program impact paper, Congressional briefings, and a transitional workshop. With the exception of the OPM training, each participant sets up their own program to meet the requirements of their WEL IDP. Nancy's program will focus on learning new skills in management areas she has previously not explored. Additionally, Nancy will continue to do her regular job when she is not completing WEL Program components.

Nancy says, "Three benefits of the WEL Program are the opportunity to meet lots of new people, learn new skills and strengthen old ones, and observe various managers and their management styles. The coming year will be a busy one!"

REMOTE SENSING'S WORK

Though he works in a "remote" section of Building 50, Ed Work's face is familiar to many at the Service Center (SC). Ed came to the SC in 1977 and is currently a Physical Scientist in the Remote Sensing Section of the Branch of Mapping Sciences.

Ed was born in Lancaster, Ohio. He attended Purdue University in Indiana and earned a bachelor's degree in engineering in 1956. He also served in the U.S. Army as a first lieutenant after the Korean War. Ed then went to work for the University of Michigan, where he earned a master's degree in natural resources in 1974.

While at the University of Michigan, Ed was involved in the data collection aspects of remote sensing. Using his engineering background, he assisted in the design of airborne scanners and satellite systems during his 18 years there. He was also a Mission Director for Aircraft Operations, which he particularly enjoyed because it allowed him to see the country. Ed has remained involved with remote sensing during his career at the SC, but has focused more on the natural resource applications of remote sensing.

Ed has had many interesting experiences over the years. For example, in 1985, he took a 6-week leave of absence to work with the United States Agency for International Development (USAID), which is part of the State Department. During this time, Ed traveled to Nepal, where he taught a course in remote sensing to a group of educators from a local university. The Nepalese were interested in learning how to preserve the natural resources of their country. Ed explains, "Remote sensing in and of itself cannot save natural resources, but it can be used as a tool that has natural resource management applications."

Ed has learned a great deal from his experiences in Korea and in Nepal. He says, "It has always been interesting to me to interact with people of other cultures and different social backgrounds." Even today, he continues to take advantage of opportunities to interact with people from other countries. During World Youth Day in August, Ed's family hosted two youths from Italy.

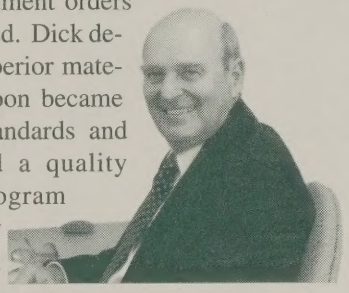
When not working, Ed enjoys hiking. He frequently leads trips for the Colorado Mountain Club, but also hikes independently. He often takes a camera along, as he enjoys taking color slides along the trail. Ed is also an avid runner, and has run 3-4 miles a day since he was a member of his high school and college track teams. Ed is married to Pat, who is from Canada, and they have two sons, Scott, 28, and Ian, 24.

JUST JUMPING AROUND

Dick Case started his Government career with the National Park Service in August 1973. As a Mechanical Design Engineer, he assisted in designing the fire suppression system for the Thomas Edison Library and heating and air conditioning systems for historical structures like Secretary Nelson's House, Yorktown, Virginia.

Dick came to BLM's Division of Scientific Systems in February 1978. He soon became the Branch Chief of Scientific Systems Development where Bureauwide projects were developed and implemented. These projects included the Automated Lightening Detection System, presently used to predict forest fires, and the Inertial Surveying System (Autosurveyor) which allowed surveying from aircraft. This new surveying method provided excellent accuracy and allowed surveys to be completed quickly in areas with short surveying seasons, such as Alaska.

As budget crunches came, the Division of Scientific Systems was phased out and Dick was transferred to the Branch of Cadastral Survey Development as the Monument Analyst. Survey monuments were corroding in acid and alkaline soils, monument quality was not consistent, and monument manufacturers often sued BLM when monument orders were rejected. Dick developed superior materials that soon became industry standards and established a quality control program for survey monuments. He also established related standard specifications and drawings which are used by most Federal and many State agencies today.



In March 1993, the Branch of Cadastral Survey Development was downsized and Dick was again transferred. Dick now works in the Branch of Building Engineering. As Project Manager, he is responsible for managing the technical aspects of each project, scheduling work assignments, and tracking the progress of each project. Working in the Branch of Building Engineering, where there are over 70 active projects representing millions of dollars of construction and maintenance funds, as well as several large Architectural and Engineering (A/E) design contracts, is a challenging opportunity. Dick likes his new job very much and feels honored to be part of such a dedicated group of professional people.

OF "LOCAL" INTEREST

L-r: Dave Droullard, Barb Guest, and Dion Dishong

Union elections held in June resulted in an interesting situation in the Branch of Engineering Services. Two of the four elected officers and a steward of Local 1945, National Federation of Federal Employees, are employees of the Branch. Barb Guest is the Local's new secretary, Dion Dishong was re-elected as the treasurer, and Dave Droullard is the steward. Dion is also the treasurer of the Colorado Federation of Federal Employees and a former vice president of Local 1945.

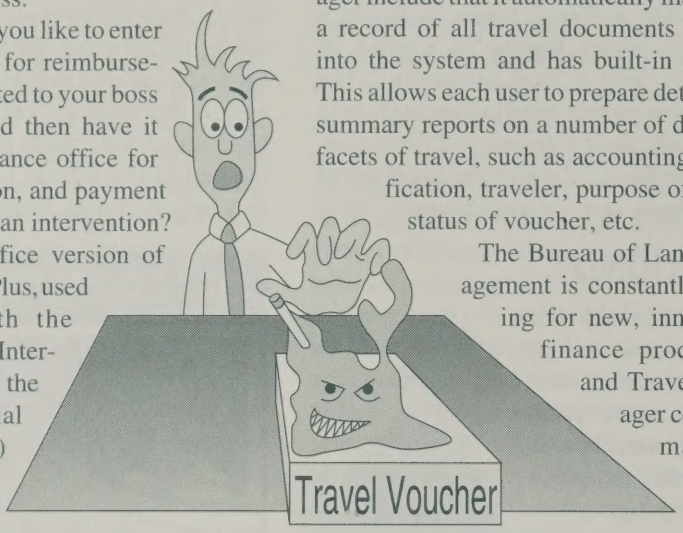
Given this situation, the Branch is not only proactive in engineering services, safety, hazmat, and industrial hygiene, but also in labor-management relations.

MANAGING TRAVEL PAPERWORK

"I can fly from Hong Kong to Washington, DC in just 19 hours. So why does it take me 3 days to fill out my travel paperwork?"

If your job involves travel, you know the worst part of your trip is coming home, because that's when the paperwork starts. For travelers, one of the most difficult parts of any business trip is filling out the paperwork: preparing vouchers, calculating per diem, and accounting for all receipts. Travel Manager Plus eliminates that frustration by automating virtually every step in the travel paperwork process.

How would you like to enter a travel voucher for reimbursement; have it routed to your boss for approval; and then have it routed to the finance office for audit, certification, and payment without any human intervention? The Finance Office version of Travel Manager Plus, used in concert with the Travel Manager Interface available in the Federal Financial System (FFS) 5.0.1D software release, offers these capabilities. Travel Manager Plus, which is available to Federal Government agencies, advertises that it automates all of the approval, signature, communication, auditing, tracking, correspondence, and certification functions. In other words, Travel Manager creates a complete electronic processing system for travel documents.



Travel Manager is available for multiuser systems, including Local Area Networks (LANs), and will be installed on the Service Center LAN for evaluation. Other advertised features of Travel Manager include that it automatically maintains a record of all travel documents entered into the system and has built-in reports. This allows each user to prepare detailed or summary reports on a number of different facets of travel, such as accounting classification, traveler, purpose of travel, status of voucher, etc.

The Bureau of Land Management is constantly looking for new, innovative finance procedures and Travel Manager certainly may fill the bill.

BUILDING ENGINEERING OPEN HOUSE

The Branch of Building Engineering (SC-673) held an Open House on Thursday, July 22, 1993, in their new offices at 390 Union, Suite 600. L.J. Porter, Branch Chief, and Linda Colville, Acting Service Center Director, were present for the opening ceremony, with Linda doing the honors of cutting the ribbon. Michael Kirby, Acting Chief, Division of Technical Services, Robert Moore, Colorado State Director, and quite a few Service Center employees were also present for the festivities. Guests from the Bureau of Land Management Washington Office, Bureau of Reclamation, National Park Service, and National Forest Service also attended. Several videos and projects were on display to explain the Branch's role in fulfilling the Service Center's mission. Beverages and food were provided by the employees of the Branch in honor of the occasion. Thanks to all who attended and helped to make this a memorable event.

YOU ARE APPRECIATED!

The following Service Center employees have received letters of appreciation for their work:

- **Janet Youngdahl** (SC-329) for contributing to the design and delivery of the pilot Records Administration course (from Manager, Phoenix Training Center)
- **Bob Woerner** (SC-140) for assisting with the Upper Arkansas River Angling Guide (from State Director, Colorado)
- **Pam Clemmer** (SC-671C) for co-instructing a remote sensing workshop (from Deputy State Director, Operations, Wyoming)
- **Scott Archer** (SC-212A) for participating in revising the Smoke Management Techniques course (from Chairman, National Wildfire Coordinating Group)
- **Armando Lazarte** (SC-613) for organizing the Denver Federal Executive Board's annual training seminar for the Hispanic Employment Program (from Regional Manager, Equal Opportunity Programs, Department of Health & Human Services; and from Chairperson, Colorado Hispanic Employment Council, Denver Federal Executive Board)
- **Bill Krech and John Evans** (SC-214) for resolving a problem with the AIRS database (from Associate District Manager, Worland, Wyoming)
- **Mike Kirby, Dave Schafersman, Margaret Trujillo, M.J. Smart, Ken Smith, Tom Morris, Karl Ford, and Steve Barrell, and other members of the Hazardous Materials Management Staff** (SC-212B), for contributing training support throughout the year (from Manager, Phoenix Training Center)
- **Cal Riley and Marie Martin** (SC-657A) for instructing the Basic Records Management course (from State Director, Idaho)
- **Tim Woods** (SC-329) for assisting in the transition from the Prime platform to the PC platform and performing a site inspection (from State Director, Idaho)
- **Brett Pope, Sandy Romero, Anne Westlake, Sandy Dilbeck, Shirley Folger, and Theresa Fresquez** for staffing the BLM recruiting exhibit at the Federally Employed Women's Conference (from Acting Chief, WO Branch of Workforce Diversity)